OIPE

RAW SEQUENCE LISTING   DATE: 01/27/2003
PATENT APPLICATION: **US/10/005,480A**   TIME: 10:07:02

Input Set : **D:\51158-20062.txt**
Output Set: **N:\CRF4\01242003\J005480A.raw**

```
 4 <110> APPLICANT: Agensys
 5         Challita-Eid, Pia M.
 6         Raitano, Arthur B.
 7         Faris, Mary
 8         Hubert, Rene S.
 9         Morrison, Karen Jane Meyrick
10         Jakobovits, Aya
12 <120> TITLE OF INVENTION: Nucleic Acid and Corresponding Protein
13         Entitled 161P2F10B Useful in Treatment and Detection of
14         Cancer
16 <130> FILE REFERENCE: 51158-20062.00
18 <140> CURRENT APPLICATION NUMBER: US 10/005,480A
19 <141> CURRENT FILING DATE: 2001-11-07
21 <160> NUMBER OF SEQ ID NOS: 765
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

```
8421 <210> SEQ ID NO: 765
8422 <211> LENGTH: 871
8423 <212> TYPE: PRT
8424 <213> ORGANISM: Homo Sapien
8426 <400> SEQUENCE: 765
8427 Met Glu Ser Thr Leu Thr Leu Ala Thr Glu Gln Pro Val Lys Lys Asn
8428 1               5                   10                  15
8429 Thr Leu Lys Lys Tyr Lys Ile Ala Cys Ile Val Leu Leu Ala Leu Leu
8430             20                  25                  30
8431 Val Ile Met Ser Leu Gly Leu Gly Leu Gly Leu Gly Leu Arg Lys Leu
8432         35                  40                  45
8433 Glu Lys Gln Gly Ser Cys Arg Lys Lys Cys Phe Asp Ala Ser Phe Arg
8434     50                  55                  60
8435 Gly Leu Glu Asn Cys Arg Cys Asp Val Ala Cys Lys Asp Arg Gly Asp
8436 65                  70                  75                  80
8437 Cys Cys Trp Asp Phe Glu Asp Thr Cys Val Glu Ser Thr Arg Ile Trp
8438                 85                  90                  95
8439 Met Cys Asn Lys Phe Arg Cys Gly Glu Thr Arg Leu Glu Ala Ser Leu
8440             100                 105                 110
8441 Cys Ser Cys Ser Asp Asp Cys Leu Gln Lys Lys Asp Cys Cys Ala Asp
8442             115                 120                 125
8443 Tyr Lys Ser Val Cys Gln Gly Glu Thr Ser Trp Leu Glu Glu Asn Cys
8444     130                 135                 140
8445 Asp Thr Ala Gln Gln Ser Gln Cys Pro Glu Gly Phe Asp Leu Pro Pro
```

RAW SEQUENCE LISTING   DATE: 01/27/2003
PATENT APPLICATION: US/10/005,480A   TIME: 10:07:03

Input Set : D:\51158-20062.txt
Output Set: N:\CRF4\01242003\J005480A.raw

```
8446 145                  150                 155              ·    160
8447 Val Ile Leu Phe Ser Met Asp Gly Phe Arg Ala Glu Tyr Leu Tyr Thr
8448                165                 170                 175
8449 Trp Asp Thr Leu Met Pro Asn Ile Asn Lys Leu Lys Thr Cys Gly Ile
8450                180                 185                 190
8451 His Ser Lys Tyr Met Arg Ala Met Tyr Pro Thr Lys Thr Phe Pro Asn
8452                195                 200                 205     ·
8453 His Tyr Thr Ile Val Thr Gly Leu Tyr Pro Glu Ser His Gly Ile Asp
8454        210                 215                 220
8455 Asn Asn Met Tyr Asp Val Leu Asn Lys Asn Phe Ser Leu Ser Ser Lys
8456 225                 230                 235                 240
8457 Glu Gln Asn Pro Ala Trp Trp His Gly Gln Pro Met Trp Leu Thr Ala
8458                245                 250                 255
8459 Met Tyr Gln Gly Leu Lys Ala Ala Thr Tyr Phe Trp Pro Gly Ser Glu
8460                260                 265                 270
8461 Val Ala Ile Asn Gly Ser Phe Pro Ser Ile Tyr Met Pro Tyr Asn Gly
8462                275                 280                 285
8463 Ser Val Pro Phe Glu Glu Arg Ile Ser Thr Leu Leu Lys Trp Leu Asp
8464        290                 295                 300
8465 Leu Pro Lys Ala Glu Arg Pro Arg Phe Tyr Thr Met Tyr Phe Glu Glu
8466 305                 310                 315                 320
8467 Pro Asp Ser Ser Gly His Ala Gly Gly Pro Val Ser Ala Arg Val Ile
8468                325                 330                 335
8469 Lys Ala Leu Gln Val Val Asp His Ala Phe Gly Met Leu Met Glu Gly
8470                340                 345                 350
8471 Leu Lys Gln Arg Asn Ile Leu His Asn Arg Val Asn Ile Ile Leu Leu
8472                355                 360                 365
8473 Ala Asp His Gly Met Asp Gln Thr Tyr Cys Asn Lys Met Glu Tyr Met
8474        370                 375                 380
8475 Thr Asp Tyr Phe Pro Arg Ile Asn Phe Phe Tyr Met Tyr Glu Gly Pro
8476 385                 390                 395                 400
8477 Ala Pro Arg Ile Arg Ala His Asn Ile Pro His Asp Phe Phe Ser Phe
8478                405                 410                 415
8479 Asn Ser Glu Glu Ile Val Arg Asn Leu Ser Cys Arg Lys Pro Asp Gln
8480                420                 425                 430
8481 His Phe Lys Pro Tyr Leu Thr Pro Asp Leu Pro Lys Arg Leu His Tyr
8482                435                 440                 445
8483 Ala Lys Asn Val Arg Ile Asp Lys Val His Leu Phe Val Asp Gln Gln
8484        450                 455                 460
8485 Trp Leu Ala Val Arg Ser Lys Ser Asn Thr Asn Cys Gly Gly Gly Asn
8486 465                 470                 475                 480
8487 His Gly Tyr Asn Asn Glu Phe Arg Ser Met Glu Ala Ile Phe Leu Ala
8488                485                 490                 495
8489 His Gly Pro Ser Phe Lys Glu Lys Thr Glu Val Glu Pro Phe Glu Asn
8490                500                 505                 510
8491 Ile Glu Val Tyr Asn Leu Met Cys Asp Leu Leu Arg Ile Gln Pro Ala
8492        515                 520                 525
8493 Pro Asn Asn Gly Thr His Gly Ser Leu Asn His Leu Leu Lys Val Pro
8494        530                 535                 540
```

RAW SEQUENCE LISTING   DATE: 01/27/2003
PATENT APPLICATION: **US/10/005,480A**   TIME: 10:07:03

Input Set : **D:\51158-20062.txt**
Output Set: **N:\CRF4\01242003\J005480A.raw**

```
8495 Phe Tyr Glu Pro Ser His Ala Glu Glu Val Ser Lys Phe Ser Val Cys
8496 545                 550                 555                 560
8497 Gly Phe Ala Asn Pro Leu Pro Thr Glu Ser Leu Asp Cys Phe Cys Pro
8498                 565                 570                 575
8499 His Leu Gln Asn Ser Thr Gln Leu Glu Gln Val Asn Gln Met Leu Asn
8500                 580                 585                 590
8501 Leu Thr Gln Glu Glu Ile Thr Ala Thr Val Lys Val Asn Leu Pro Phe
8502                 595                 600                 605
8503 Gly Arg Pro Arg Val Leu Gln Lys Asn Val Asp His Cys Leu Leu Tyr
8504     610                 615                 620
8505 His Arg Glu Tyr Val Ser Gly Phe Gly Lys Ala Met Arg Met Pro Met
8506 625                 630                 635                 640
8507 Trp Ser Ser Tyr Thr Val Pro Gln Leu Gly Asp Thr Ser Pro Leu Pro
8508                 645                 650                 655
8509 Pro Thr Val Pro Asp Cys Leu Arg Ala Asp Val Arg Val Pro Pro Ser
8510                 660                 665                 670
8511 Glu Ser Gln Lys Cys Ser Phe Tyr Leu Ala Asp Lys Asn Ile Thr His
8512                 675                 680                 685
8513 Gly Phe Leu Tyr Pro Pro Ala Ser Asn Arg Thr Ser Asp Ser Gln Tyr
8514     690                 695                 700
8515 Asp Ala Leu Ile Thr Ser Asn Leu Val Pro Met Tyr Glu Glu Phe Arg
8516 705                 710                 715                 720
8517 Lys Met Trp Asp Tyr Phe His Ser Val Leu Leu Ile Lys His Ala Thr
8518                 725                 730                 735
8519 Glu Arg Asn Gly Val Asn Val Val Ser Gly Pro Phe Asp Tyr Asn Tyr
8520                 740                 745                 750
8521 Asp Gly His Phe Asp Ala Pro Asp Glu Ile Thr Lys His Leu Ala Asn
8522                 755                 760                 765
8523 Thr Asp Val Pro Ile Pro Thr His Tyr Phe Val Val Leu Thr Ser Cys
8524     770                 775                 780
8525 Lys Asn Ser His Thr Pro Glu Asn Cys Pro Gly Trp Leu Asp Val Leu
8526 785                 790                 795                 800
8527 Pro Phe Ile Ile Pro His Arg Pro Thr Asn Val Glu Ser Cys Pro Glu
8528                 805                 810                 815
8529 Gly Lys Pro Glu Ala Leu Trp Val Glu Glu Arg Phe Thr Ala His Ile
8530                 820                 825                 830
8531 Ala Arg Val Arg Asp Val Glu Leu Leu Thr Gly Leu Asp Phe Tyr Gln
8532         835                 840                 845
8533 Asp Lys Val Gln Pro Val Ser Glu Ile Leu Gln Leu Lys Thr Tyr Leu
8534     850                 855                 860
8535 Pro Thr Phe Glu Thr Thr Ile
8536 865                 870
E--> 8540 (1
E--> 8543 (1
```

VERIFICATION SUMMARY
DATE: 01/27/2003
PATENT APPLICATION: **US/10/005,480A**   TIME: 10:07:04

Input Set : **D:\51158-20062.txt**
Output Set: **N:\CRF4\01242003\J005480A.raw**

L:7450 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:742 after pos.:0
L:8410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:763 after pos.:0
L:8540 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:765
M:332 Repeated in SeqNo=765